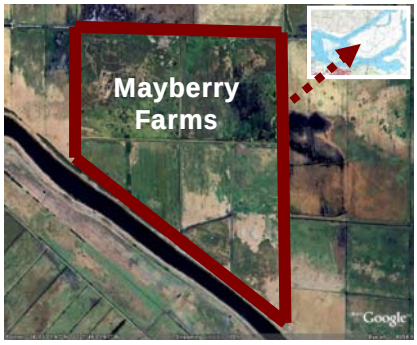
STATE OF CALIFORNIA

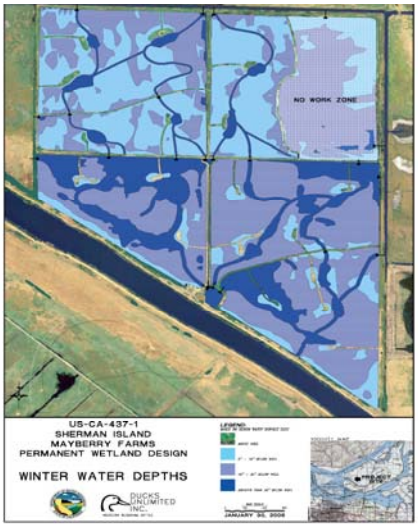
Interim Delta Actions

DEPARTMENT OF WATER RESOURCES

May 2008



A hunting club leases the 307-acre Mayberry Farms property on DWR's Sherman Island.



Planned restoration will create permanently flooded wetlands for waterfowl habitat and subsidence reversal. Carbon sequestration will be determined along with monitoring to demonstrate the biological and recreational benefits of Delta wetland restoration.

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Mayberry Farms Subsidence Reversal and Carbon Sequestration Project

Project Goals:

1. Control and reverse subsidence on a 307-acre property on Sherman Island using permanent flooding techniques.
2. Determine carbon sequestration of project.
3. Study waterfowl use and waterfowl hunting success on permanently flooded delta wetlands.
4. Demonstrate the applicability of tested management practices to Delta and Suisun Marsh.

Project Description:

The Mayberry Farms Subsidence Reversal and Carbon Sequestration Project will create permanently flooded wetlands on a 307-acre parcel on Sherman Island that is owned by the Department of Water Resources (DWR). The project will restore approximately 192 acres of emergent wetlands and enhance approximately 115 acres of seasonally flooded wetlands.

The Mayberry Farms project is conceived as a demonstration project that will provide subsidence reversal benefits and develop knowledge that can be used by operators of private wetlands, including "duck clubs," which manage lands for waterfowl-based recreation. By maintaining permanent water, the growth and subsequent decomposition of emergent vegetation is expected to control and reverse subsidence. The project is also anticipated to provide climate benefits by sequestering atmospheric CO2. The parcel is expected to provide year-round wetland habitat for waterfowl and other wildlife.

Project planning is nearing completion and environmental permitting is underway. Initial upgrades to facilities will commence in Fall 2008, with full project construction to begin in 2009. Project construction is estimated to cost $1.6 million.

Schedule and Milestones:

2007 – Develop restoration design (completed)

2008 – Summer – Environmental permitting

2008 – Fall – Initial construction (facility upgrades)

2009 – Spring/Summer – Project construction and restoration

2009 – Summer – Complete monitoring plan/initiate monitoring

2009 – Fall – Project implementation: flooding and monitoring